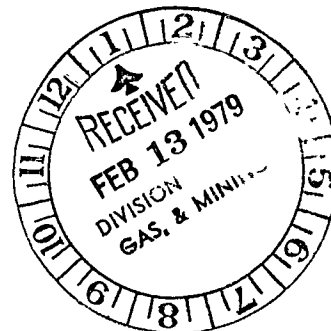


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116



19 78 OPERATIONS AND PROGRESS REPORT

(To be filed for each Mining Operation at
the end of each calander year)

OPERATOR: Cotter Corporation Sec. 27 & 28 T. 24S R. 20E B&M
Address: P. O. Box 352 No. of approved Notice of
Golden, Colorado 80401 INTENTION: ACT /019/006
For: Cotter Corporation DATE OF APPROVAL:
Thornburg Memorial Mine
P. O. Box 555
Moab, Utah 84532

(1) The gross amount of materials moved during the year for this mining operation
was:

(2) STATUS OF RECLAMATION WORK*

<u>Month</u>	<u>WORK PERFORMED</u>	<u>RESULTS</u>
January	Referring to the accompanying letter and the letter dated December 29, 1978, all affected land is required for mining operations, therefore no reclamation work was performed during 1978.	
February		
March		
April		
May		
June		
July		
August		
September		

STATUS OF RECLAMATION WORK (Continued)

<u>Month</u>	<u>WORK PERFORMED</u>	<u>RESULTS</u>
October		
November		
December		

* The monthly status of reclamation work may be outlined on a separate sheet if desired.

(3) INCLUDE WITH THIS REPORT, AN UP-DATED MAP AND PLAN, PREPARED IN ACCORDANCE WITH RULE M-3, (1), (Attached)

THORN 3 MEMORIAL MINE
TOWNSHIP 24 South 20 East
SECTIONS 27 & 28

OF - OFFICE
S - SHOP

--- ROAD TO BE RECLAIMED

--- DRY WASH



- OLD DUMP



- CURRENT DUMP



- OLD MINES



- MINES BEING WORKED



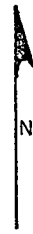
- PROPOSED NEW MINE



- AREA TO BE RECLAIMED

--- CONTINUOUS ROAD

1" = 200'



SECTION 28 27

OF

S

3000N

27000E

28000E

S. C. 28/27 IS 860' SOUTH OF ARROW
33/34





Cotter Corporation

DIAL 303 232-8218
POST OFFICE BOX 352
GOLDEN, COLORADO 80401

December 29, 1978

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attn: Mr. Ronald W. Daniels

Re: File No. ACT 019 006

Dear Mr. Daniels:

In accordance with Rule M-8, Mined Land Reclamation General Rules and Regulations, Cotter Corporation submits this annual operations and progress report for the above referenced file number. This file number pertains to the Thornburg Memorial Mine (TMM) which is located in Sections 27 and 28, T24S, R20E, Grand County. The final permit for this operation was issued on the date surety was posted which was March 21, 1978.

The TMM is an underground mine which uses all affected land described in the permit. There has been no increase in the size of the affected acreage, nor has any final reclamation work been done. It is anticipated that the affected acreage will remain unchanged for the duration of the mine life.

Sincerely,

COTTER CORPORATION

Tim Smith
Supervising Environmental
Engineer

TS/kr

xc: M. Day
G. Schultz